	Application No.	Applicant(s)		
Notice of Allowshills	10/718,184	LEHTINEN, JEFF	TINEN, JEFFREY R.	
Notice of Allowability	Examiner	Art Unit		
	Ted Kim	3746		
The MAILING DATE of this communication appear claims being allowable, PROSECUTION ON THE MERITS IS (rewith (or previously mailed), a Notice of Allowance (PTOL-85) of DTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RICE of the Office or upon petition by the applicant. See 37 CFR 1.313	OR REMAINS) CLOSED in or other appropriate community of the community of	this application. If not inclu-	ded	
☐ This communication is responsive to <u>09/07/2007</u> .				
☑ The allowed claim(s) is/are <u>1,3-5,9-19,21,22 and 24-26</u> .				
 Acknowledgment is made of a claim for foreign priority und a) ☐ All b) ☐ Some* c) ☐ None of the: 	der 35 U.S.C. § 119(a)-(d) c	or (f).		
1. Certified copies of the priority documents have	been received.			
2. Certified copies of the priority documents have	been received in Application	n No		
Copies of the certified copies of the priority doc	uments have been received	in this national stage applic	ation from the	
International Bureau (PCT Rule 17.2(a)).		0 11		
* Certified copies not received:		•		
Applicant has THREE MONTHS FROM THE "MAILING DATE" on the control of the comply will result in ABANDONME THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which gives	ENT of this application. ted. Note the attached EXA	MINER'S AMENDMENT or		
		deciaration is delicient.		
CORRECTED DRAWINGS (as "replacement sheets") must				
(a) ☐ including changes required by the Notice of Draftsperso	n's Patent Drawing Review	(PTO-948) attached		
 1) ☐ hereto or 2) ☐ to Paper No./Mail Date (b) ☐ including changes required by the attached Examiner's 	Americantos a (140			
(b) including changes required by the attached examiner's	Amendment / Comment or	in the Office action of		
Paper No./Mail Date	·			
Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the	4(c)) should be written on th	e drawings in the front (not th	e back) of	
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Art Unit: 3746

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Christopher Hunter on September 12, 2007.

The application has been amended as follows:

CLAIMS

- Claim 11, line 1, "8" has been replaced by -1 -.
- Claim 24, line 1, "23" has been replaced by 22 –.

For claim 5 presented previously on 08/21/2007, the typographical problems appear to be a possible transmission problem, and these have been resolved by the replacement original claim 5 submitted on 09/07/2007

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Application Serial No. 10/718,184
Response to Office Action dated July 17, 2007
Amendment dated August 21, 2007

- 4 enveloping a contoured deformable fuel feed, fixedly attached at one end thereof to a
- 5 housing inlet and having a nozzle tip adapter assembly operatively connected therewith at
- another end, attached at a housing outlet end, said fuel feed being otherwise separated
- from said housing by a peripheral insulating space wherein the improvement comprises:
- 8 a. said housing outlet end having a first contoured surface portion; and
- b. said nozzle assembly including a movable nozzle spray-tip having a second
- 10 contoured surface portion in complementary mating engagement with said housing first
- 11 contoured surface portion, resulting in relative motion therebetween upon the operation
- of said gas turbine engine, as a result of the thermal expansion differential arising due to
- 13 the differing temperatures of said housing and said fuel feed, wherein said first and
- second contoured surface portions are exterior and interior surfaces, respectively, and
- 15 wherein each of said contoured surface portions includes at least a portion of a spherical
- 16 <u>surface component.</u>
- 1 4. (currently amended) The improved fuel injector assembly of claim 2 1, wherein
- 2 said contoured surface portions are curved.
- 1 5. (original) The improved fuel injector assembly of claim B, w erein said
- 2 contoured surface portions are curved.

Contact Information

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Ted Kim whose telephone number is 571-272-4829. The Examiner can be reached on regular business hours before 5:00 pm, Monday to Thursday and every other Friday.

The fax number for the organization where this application is assigned is 571-273-8300.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ehud Gartenberg, can be reached at 571-272-4828. Alternate inquiries to Technology Center 3700 can be made via 571-272-3700.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). General inquiries can also be directed to the Patents Assistance Center whose telephone number is 800-786-9199. Furthermore, a variety of online resources are available at http://www.uspto.gov/main/patents.htm

/Ted Kim/	Telephone 5	71-272-4829
Primary Examiner	Fax (Regular) 5	71-273-8300
September 12, 2007	Fax (After Final) 5	71-273-8300
Technology Center 3700	Telephone 5	71-272-3700

REPLACEMENT SHEET

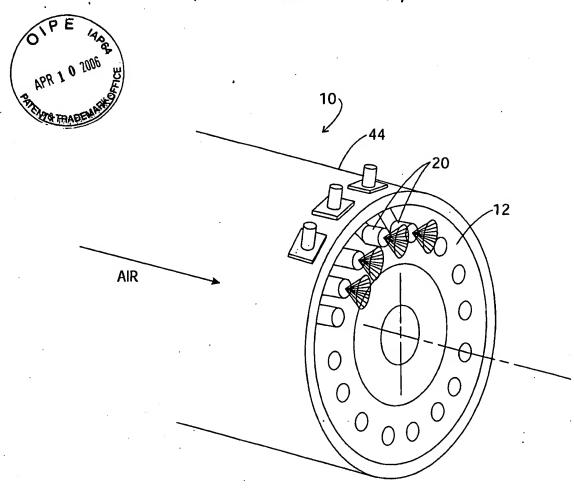
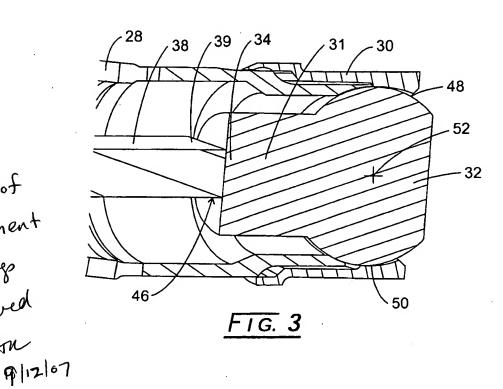


FIG. 1



5 sheets of Replacement drawings approved

REPLACEMENT SHEET

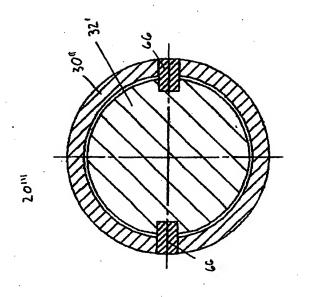


FIG. 7B

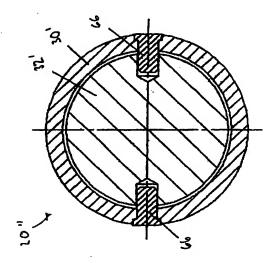


FIG. 1A

ENTRYAPPROVED

1x

9/12/07